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## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

## (i) APPLICANT:

(A) NAME: Aventis Research &amp; Technologies GmbH &amp; Co KG

(B) STREET:

(C) CITY: 65926 Frankfurt

(D) FEDERAL STATE:

(E) COUNTRY: Germany

(F) POSTAL CODE: 65926

(ii) TITLE OF INVENTION: Human deadenylating nuclease, its preparation and use

(iii) NUMBER OF SEQUENCES: 29

## (iv) COMPUTER READABLE FORM:

----- (A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: WINDOWS 3.1

## (2) INFORMATION FOR SEQ ID NO: 1

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 10

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Peptide

(v) FRAGMENT TYPE: Internal fragment

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1

## (2) INFORMATION FOR SEQ ID NO: 2

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 11
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2

KPFNRSSPDV K

11

## (2) INFORMATION FOR SEQ ID NO: 3

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 11
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3

KPFNRSSPDK K

11

## (2) INFORMATION FOR SEQ ID NO: 4

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 16
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear

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- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4

KYAESYWIQT YADYVG

16

(2) INFORMATION FOR SEQ ID NO: 5

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 8
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5

KEQEELNDA

8

(2) INFORMATION FOR SEQ ID NO: 6

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 9
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6

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(2) INFORMATION FOR SEQ ID NO: 7

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 34

(B) TYPE: Nucleotide sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Miscellaneous nucleic acid: Primer DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7

CCATATCCAT ATGCTTTTCA GTGCCTTTCC TAAC 34

(2) INFORMATION FOR SEQ ID NO: 8

(i) SEQUENCE CHARACTERISTICS:

(A)-LENGTH: 25

(B) TYPE: Nucleotide sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Miscellaneous nucleic acid: Primer DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8

AGTACTCGAG TTACAATGTG TCAGG 25

(2) INFORMATION FOR SEQ ID NO: 9

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 29

(B) TYPE: Nucleotide sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Miscellaneous nucleic acid: Primer DNA

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9

AGTGTCGCAT ATGGAGATAA TCAGGAGCA 29

(2) INFORMATION FOR SEQ ID NO: 10

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25

(B) TYPE: Nucleotide sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Miscellaneous nucleic acid: Primer DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10

AGTACTCAGC GGTTTGCTGC CCTCA 25

(2) INFORMATION FOR SEQ ID NO: 11

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 639

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Protein

(v) FRAGMENT TYPE: N Terminus

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11

09674067-010801

MEIIRSNFKS	NLHKVYQAI	EADFFAIDGE	FSGISDGPVS	SALTNGFDTF	EERYQKLKKH	60
SMDPFLFPQG	LCTFKYDYTD	SKYITKSPNF	YVFPKPFNRS	SPDVKFCQS	SSIDFLASQG	120
FDPNKFVRNG	IPYLNQEEER	QLREQYDEKR	SQANGAGALS	YVSPNTSKCP	VTIPEDQKKF	180
IDQVVEKIED	LLQSEENKNL	DLEPCTGFQR	KLIYQTLNWK	YPKGIHVETL	ETEKERYIV	240
ISKVDEEERK	RREQQKHAK	QEELNDAVGF	SRVIHAIAIS	GKLVIGHNML	LDVMHTVBHQF	300
YCPLPADLSE	FKEMTTCVFP	RLLDTKLMS	TQPFKDIINN	TSLAELEKRL	KETPFNPPKV	360
ESAEGFPSYD	TASEQLHEAG	YDAYITGLCF	ISMANYLGSP	LSPPKIHVSA	RSKLIEPPFN	420
KLFLMRVMDI	PYLNLEGPD	QPKRDHVLHV	TFPKWKTS	LYQLFSAFGN	IQISWIDDT	480
AFVLSQPEQ	VKIAVNTSKY	AESYRIQTYA	EYMGKQEEK	QIKRKWTE	WKEADSKRLN	540
PQCIPTLQN	HYRRNSFTA	PSTVGKRNLS	PSQEEAGLE	GVSGEISDTE	LEQTDSCAEP	600
LSEGRKKAKK	LKRMKKELSP	AGSISKNSPA	TLFEVPTDW			639

## (2) INFORMATION FOR SEQ ID NO: 12

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 2941

(B) TYPE: Nucleotide sequence

(C) STRANDEDNESS: Double

(D) TOPOLOGY: Linear

## (ii) MOLECULE TYPE: cDNA for mRNA

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12

GAACCGCTGA	GGCGGGCGCG	GGCCCGGGTG	GGCCCAAGT	TCCGGCCACT	CTGCAGAATG	60
GAGATAATCA	GGAGCAATTT	TAAGAGTAAT	CTTCACAAAG	TGTACCAGGC	CATAGAGGAG	120
GCCGACTTCT	TCGCCATCGA	TGGGGAGTTT	TCAGGAATCA	GTGATCGACC	TTCAGTCTCT	180
GCATTAACAA	ATGGTTTTGA	CACTCCAGAA	CAGAGGTATC	AGAAGCTTAA	AAAGCATTCC	240
ATGGACTTTT	TGCTATTTCA	GTTTGGCCTT	TGCACTTTAA	ACTATGACTA	CACAGATTCA	300
AAGTATATAA	CGAAGTCATT	TAACTTCTAT	GTTTCCCGA	AACCTTCAA	TAGATCCTCA	360
CCAGATGTCA	AATTTGTTTG	TCAGAGCTCC	AGCATTGACT	TTCTAGCAAG	CCAGCGATT	420
GATTTTAATA	AAGTTTTCG	AAATGGAATT	CCATATTTAA	ATCAGGAAGA	AGAAAGACAG	480
TTAAGAGAGC	AGTATGATGA	AAAACGTTCA	CAGGCGAATG	GTGCAGGAGC	TCTGTCCTAT	540
GTATCTCCTA	ACACTTCAAA	ATGTCCTGTC	ACGATTCCTG	AGGATCAAAA	GAAGTTTATT	600
GACCAAGTGC	TACAGAAAAT	ACAGGATTTA	TTACAAAGTG	AAGAAAACAA	GAAGTTGGAT	660
TTAGAGCCAT	GTACCGGGTT	CCAAAGAAAA	CTAATTTATC	AGACTTTGAG	CTGGAAGTAT	720
CCGAAAGGCA	TTCATGTTGA	GACTTTAGAA	ACTGAAAAGA	AGGAGCGATA	TATAGTTATC	780
AGCAAAGTAG	ATGAAGAAGA	ACGCAAAAGA	AGAGAGCAGC	AGAAACATGC	CAAGAACAG	840
GAGGAGCTGA	ATGATGCTGT	GGGATTTTCT	AGAGTCATT	ACGCCATTGC	TAATTCGGGA	900
AAACTTGTGA	TTGGACACAA	TATGCTCTTG	GACGTCATGC	ACACAGTTCA	TCAGTTCTAC	960
TGCCCTCTGC	CTGCCGACTT	AAGTGAGTTT	AAAGAGATGA	CAACATGTGT	TTTCCCCAGA	1020
CTCTTGATA	CTAAATTGAT	GGCCAGCACA	CAACCTTTTA	AGGATATCAT	TAACAACACA	1080
TCCCTTGGCG	AATTGAAAAA	GCGGTTAAAA	GAGACACCTT	TCAACCTCC	TAAAGTTGAA	1140
AGTGCCGAAG	GTTTTCCAAG	TTATGACACA	GCCTCTGAAC	AACTCCACGA	GGCAGGCTAC	1200
GATGCCATCA	TCACAGGGCT	GTGCTTCATC	TCCATGGCCA	ATTACCTAGG	TTCTTTTCTC	1260
AGCCCTCCAA	AAATTCATGT	GTCTGCCAGA	TCAAAACTCA	TTGAACCTTT	TTTAAACAAG	1320
TTATTTCTTA	TGAGGGTCAT	GGATATCCCC	TATCTAAACT	TGGAAGGACC	AGACTTGCGG	1380
CCTAAACCTG	ATCATGTTCT	CCATGTGACA	TTCCCCAAAG	AATGGAAGAC	CAGCGACCTT	1440
TACAGCTTT	TCAGTGCTTT	TGGTAACATT	CAGATATCCT	GGATTGATGA	CACATCAGCA	1500
TTTGTTCCTC	TTAGCCAGCC	CGAGCAAGTA	AAGATTGCTG	TCAATACCAG	CAATATGCA	1560
GAAAGCTATC	GGATCCAAAC	CTATGCTGAA	TATATGGGGA	GAAAACAGGA	AGACAAGCAG	1620
ATCAAAAGAA	AGTGGACTGA	AGATAGCTGG	AAGGAGGCTG	ACAGCAAACC	GTTAAACCCC	1680

CAGTGCATAC	CCTACACCCT	GCAGAATCAC	TATTACCGCA	ACAAATAGTTT	TACAGCTCCC	1740
AGCACAGTAG	GAAAGAGAAA	TTTGAGTCCT	AGTCAAGAGG	AAGCTGGCCT	GGAGGACGGA	1800
GTGTCAGGGG	AGATTTCGGA	CACTGAGCTT	GAGCAGACCG	ATTCTGTGTC	AGAGCCCTC	1860
TCAGAGGGAA	GGAAAAAGGC	CAAGAAATTA	AAAAGAATGA	AGAAGGAGCT	TTCTCCAGCA	1920
GGAAAGCATCT	GGAAGAACAG	CCCTGCCACA	CTCTTTGAAG	TTCTTGACAC	ATGGTAARCCA	1980
AGACCTGAGG	GCAGCAAACC	GCTGCTGCTG	TGGCTGTGAG	CAAGAGCCGG	CTGGCACATT	2040
TGGAAGCCGC	ACTGTATTTA	ACTTAATCAA	ATGTGGTATG	GGAGGGGTTG	GAAACCAAGT	2100
TGTCTCTGCG	GGGGGAGAAA	ACAGGTTTTA	TTTTTGTGGC	TGTGCTTTT	TCCCCTTTT	2160
AATCTAAGTG	CCTGTTGACA	TTGACACTCA	TCACGGTTGT	AGGCTGTCAT	GAATGTGTAC	2220
GTGCTTAACC	AGTGAATTCC	GTGTTGCTCT	TGTGAGCCCT	TTCTGTGTCAT	GACCCAGTGT	2280
GCTTAAGAAC	CTGCCGTGATG	GGGAGTGTG	GCTGTGAAAT	CTGCAAAAAG	AGCTGACATT	2340
CCAGCTGCTG	TGATCATGAA	TTTGGGGCTG	TACTGTCTCTG	CCTGTGTCATC	TTCTCGCACT	2400
GAGATTTTGA	GGCAGTTGCA	GCCCTCGGTT	AGTCTCCAG	TGGAAAAATC	GGTTGTGCCT	2460
CCCTGCTTCC	CACCATAGCT	GCCTGAAAAC	ATGACGCTCT	CAAGCTTGTG	CTTCTTCAG	2520
GAAGATGTCC	ACTCATGCCC	ACCCATGAGA	GGGCTTGCCG	TATGCCCTGG	CCTTTGGGCA	2580
TATTTATGTA	GAGTTCCCTT	CTCCTAAGAC	GTGAGTTTCT	CATGGGGGAT	GTACGAGTAA	2640
AAAGGTTAAC	TTCTGTTCTT	ATGCCGTGGC	CTGTGTTTAC	TTTCCAGAGT	CTCTGTTGCT	2700
TTGTTTGGAT	GGCGGTCTCG	GGGTACGGCA	GCGTGTGTGC	GTACGTGTCT	GTGTGTGTGT	2760
GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGA	AATCGTGCAA	ATCTACAACA	TGTCCCAGCC	2820
CATTCTCCGT	TGAAACAGAT	CACAGCAAAG	ACAAACGCTC	ATGGCGCTGC	TTTGCTCCAC	2880
CCGCTTCAGA	TAGATCATTC	TTAGATATTT	CACATTTTTC	TATGGTGGAA	ATAAAAATGA	2940
AAAATGTATT	TCCAAAAGAT	GAAAATTAAA	AACATTTTCA	TAGGAAAAAA	AAAAAAAAAA	3000
AA						2

## (2) INFORMATION FOR SEQ ID NO: 13

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

## (ii) MOLECULE TYPE: Peptide

## (v) FRAGMENT TYPE: Internal fragment

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13

ADFFAIGFSG IS

12

## (2) INFORMATION FOR SEQ ID NO: 14

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

## (ii) MOLECULE TYPE: Peptide

## (v) FRAGMENT TYPE: Internal fragment

09574067 010801

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13

LVIGHNMLLV MHTVH

15

(2) INFORMATION FOR SEQ ID NO: 14

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 16

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Peptide

(v) FRAGMENT TYPE: Internal fragment

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14

SEQLHEAGYA YITGLC

16

(2) INFORMATION FOR SEQ ID NO: 15

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Peptide

(v) FRAGMENT TYPE: Internal fragment

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15

CDFVAIFFLG LD

12

(2) INFORMATION FOR SEQ ID NO: 16

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- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 15
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16

LVVGHNSLLA MYMYH

15

## (2) INFORMATION FOR SEQ ID NO: 17

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 16
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17

ENVYHNAGFS YVTGEV

16

## (2) INFORMATION FOR SEQ ID NO: 18

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 12
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide

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(v) FRAGMENT TYPE: Internal fragment

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18

ADFVAILMTG VT

12

(2) INFORMATION FOR SEQ ID NO: 19

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Peptide

(v) FRAGMENT TYPE: Internal fragment

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19

LIVGHNCFLI AHVYS

15

(2) INFORMATION FOR SEQ ID NO: 20

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 16

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Peptide

(v) FRAGMENT TYPE: Internal fragment

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20

AGGKHEAGYA FMTGCI

16

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## (2) INFORMATION FOR SEQ ID NO: 21

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 12
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20

GTLVAIAFVS LQ

12

## (2) INFORMATION FOR SEQ ID NO: 22

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 15
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22

VFVGHGLNNF KHINI

15

## (2) INFORMATION FOR SEQ ID NO: 23

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 16
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear

T08070 29042960

- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23

QEGNHDSIEA HTALIL

16

## (2) INFORMATION FOR SEQ ID NO: 24

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 12
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24

FPAIALTFVR TR

12

## (2) INFORMATION FOR SEQ ID NO: 25

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 15
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25

TOP SECRET 01067 29042960

(2) INFORMATION FOR SEQ ID NO: 26

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 15
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26

ERQEWAAAVW YLLPI

15

(2) INFORMATION FOR SEQ ID NO: 27

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 12
  - (B) TYPE: Amino acid sequence
  - (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (ii) MOLECULE TYPE: Peptide
- (v) FRAGMENT TYPE: Internal fragment
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27

APVFAFTTDS LD

12

(2) INFORMATION FOR SEQ ID NO: 28

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 15
  - (B) TYPE: Amino acid sequence

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(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Peptide

(v) FRAGMENT TYPE: Internal fragment

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28

LKVGQNLKYR GILAN

15

(2) INFORMATION FOR SEQ ID NO: 29

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: Amino acid sequence

(C) STRANDEDNESS: Single

(D) TOPOLOGY: Linear

(ii) MOLECULE TYPE: Peptide

(v) FRAGMENT TYPE: Internal fragment

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29

EEAGRAAEAD VTLQL

15

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